

PRINTER RUSH
(PTO ASSISTANCE)

Application : 0954896 Examiner : Chang GAU : 2625
From : NW Location : IDC FMF FDC Date : 10/3/05
Tracking #: EPM-0954896 Week Date: 7/4/05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>3-1-00</u>	
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

[RUSH] MESSAGE: ATTN: Chief Drawingsperson
There are lines going through the drawings
If possible, please provide more clear
copies of the obscured figures.

Thanks

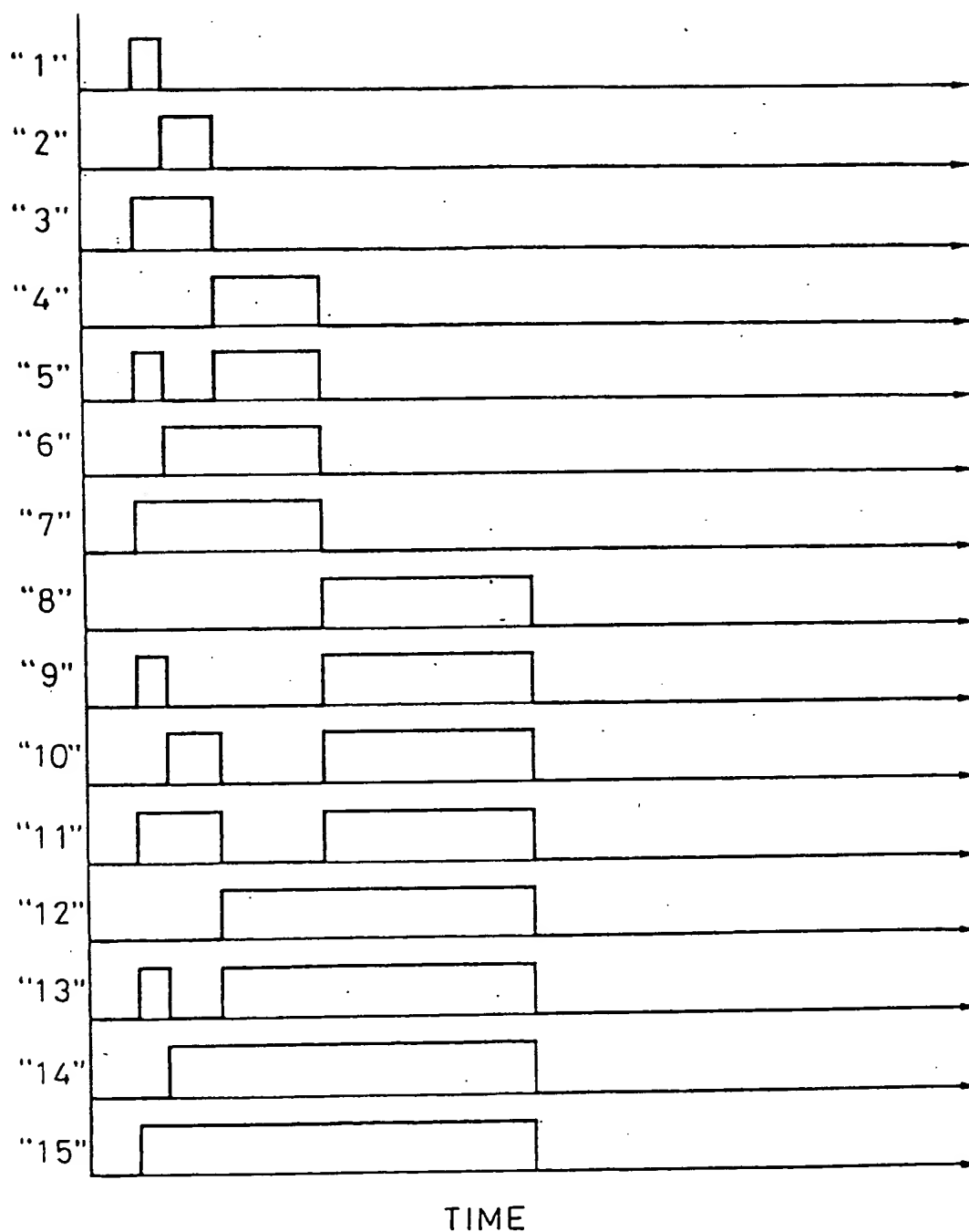
[XRUSH] RESPONSE: _____

DRAWINGS CORRECTED

10-20-2005

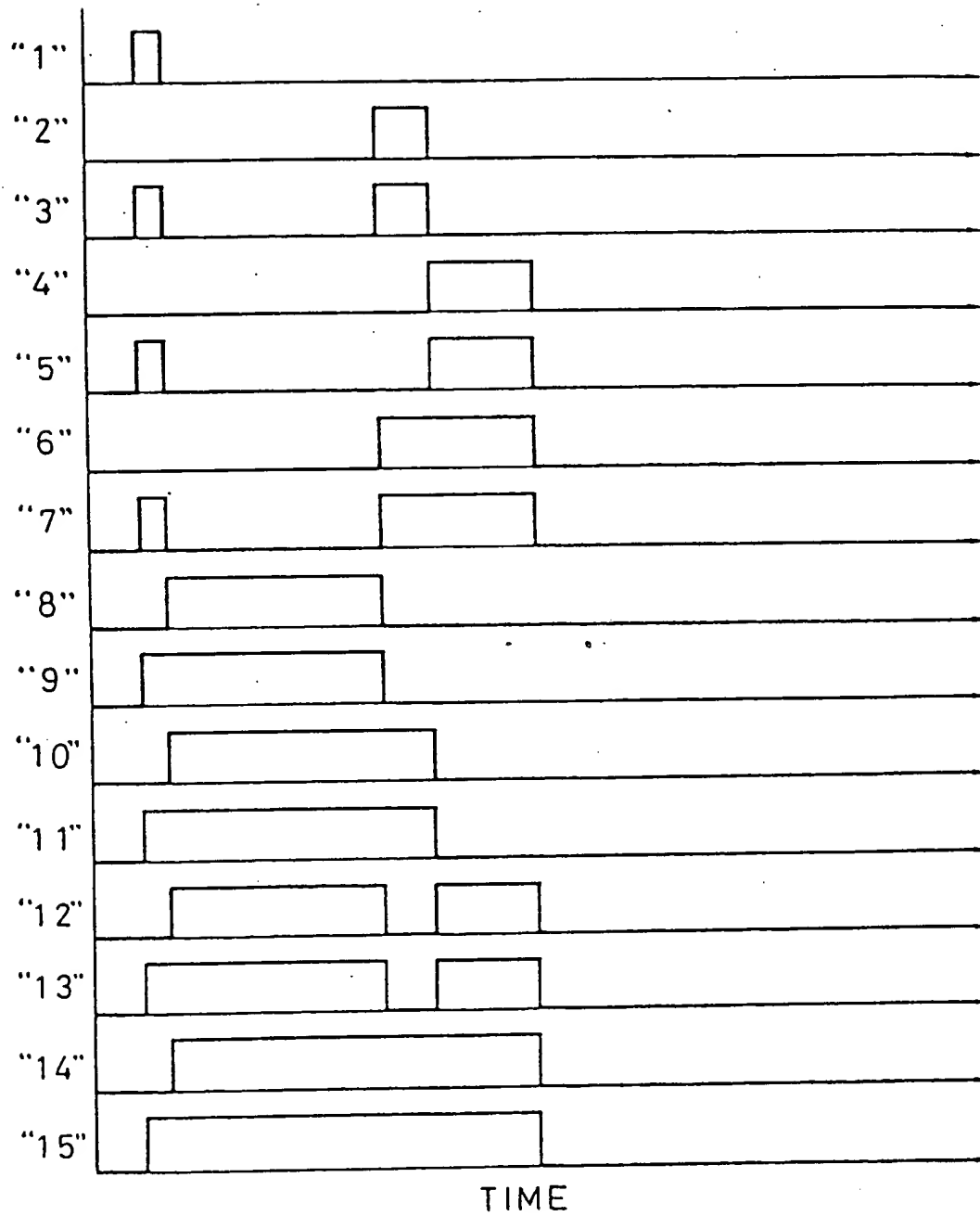
INITIALS: BS

FIG.1



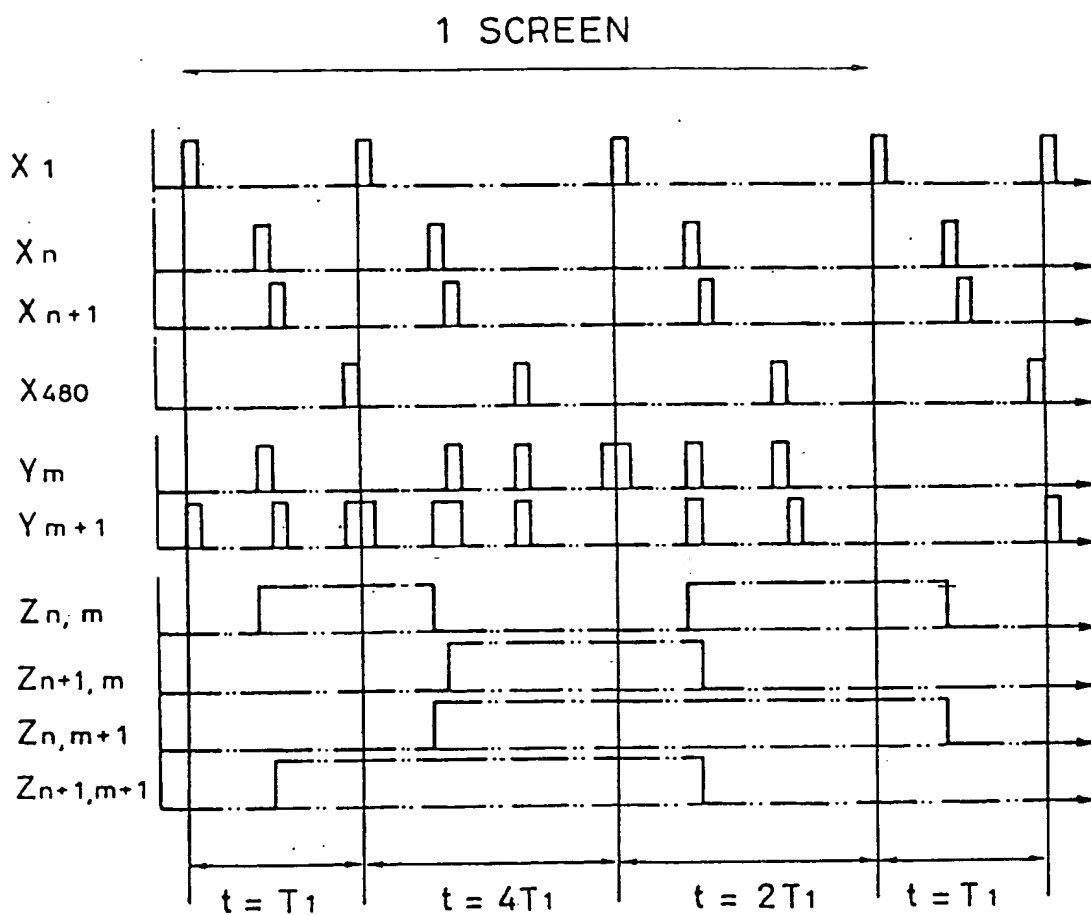
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FIG. 3



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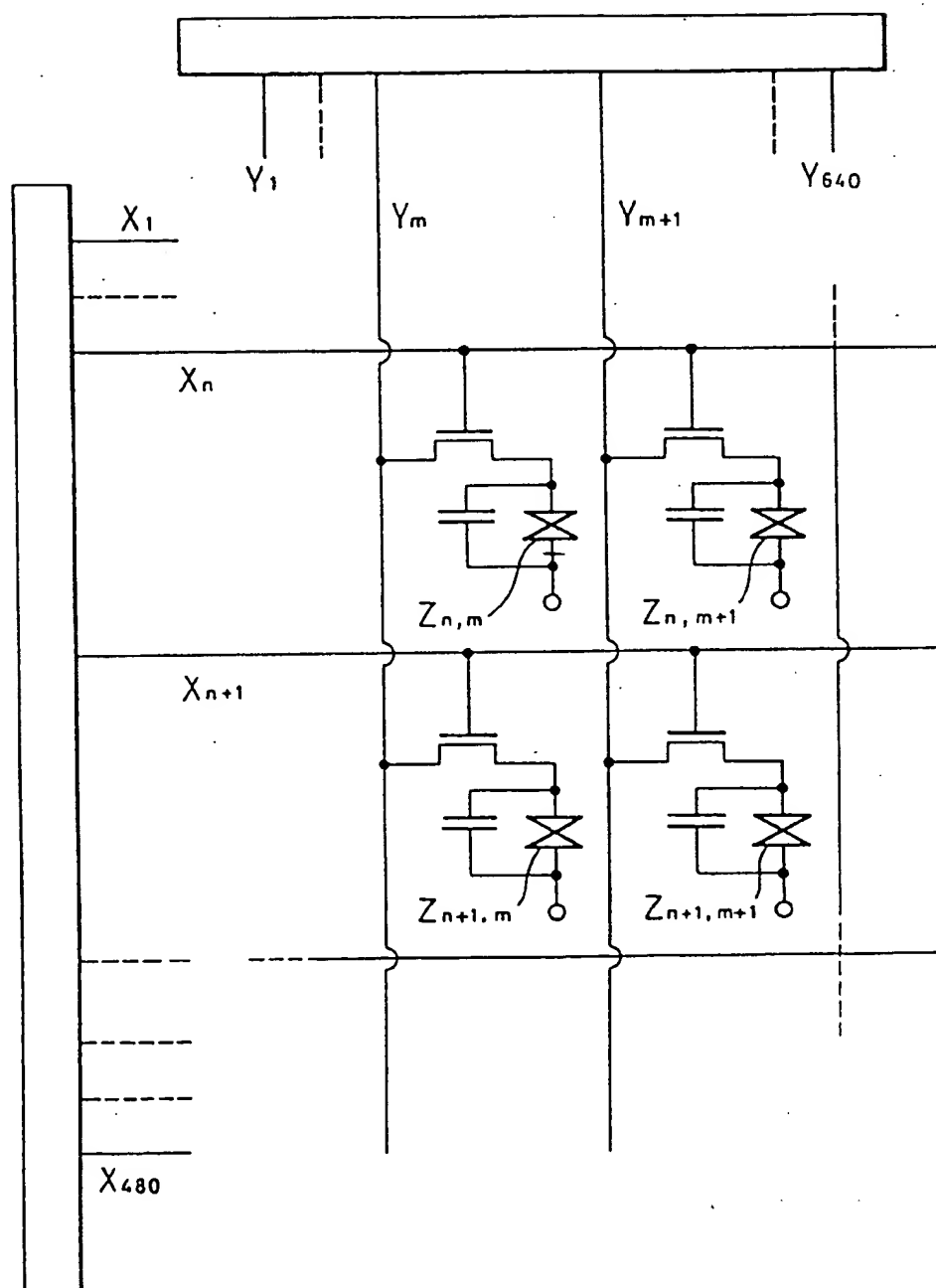
FIG. 4



$Z_{n,m} : T_1 + 2T_1 = 3T_1 \rightarrow \text{"3"}$
 $Z_{n+1,m} : 4T_1 \rightarrow \text{"4"}$
 $Z_{n,m+1} : 4T_1 + 2T_1 = 6T_1 \rightarrow \text{"6"}$
 $Z_{n+1,m+1} : T_1 + 4T_1 = 5T_1 \rightarrow \text{"5"}$

00720" 96204560

FIG. 5



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007220-96804560

FIG. 7(A)

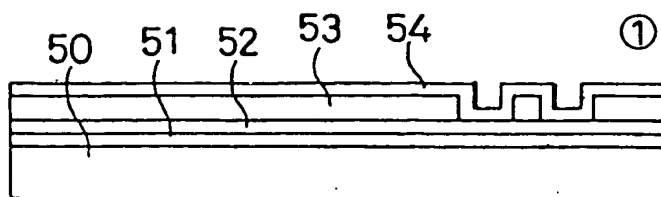


FIG. 7(B)

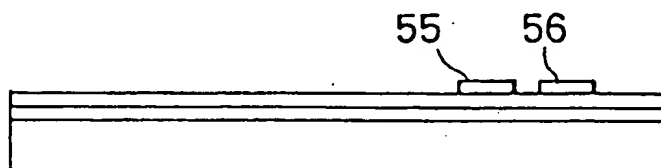


FIG. 7(C)

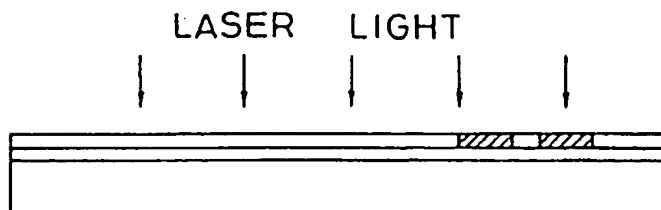


FIG. 7(D)

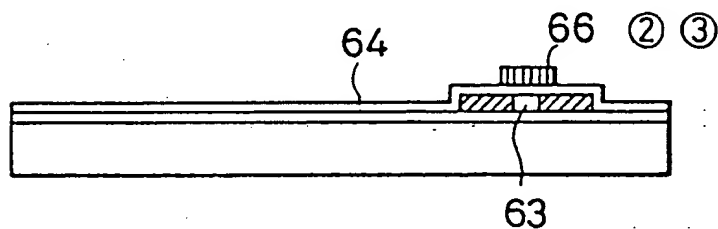


FIG. 7(E)

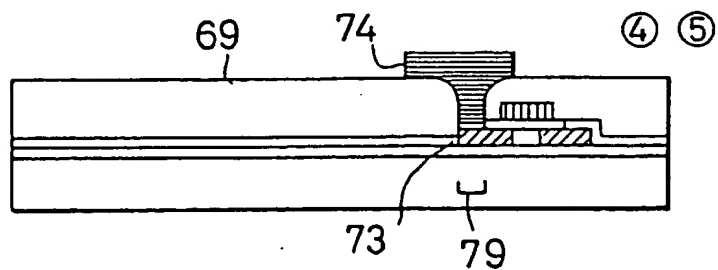
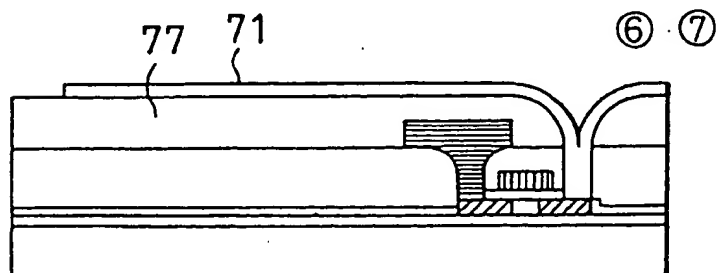


FIG. 7(F)



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FIG. 8(A)

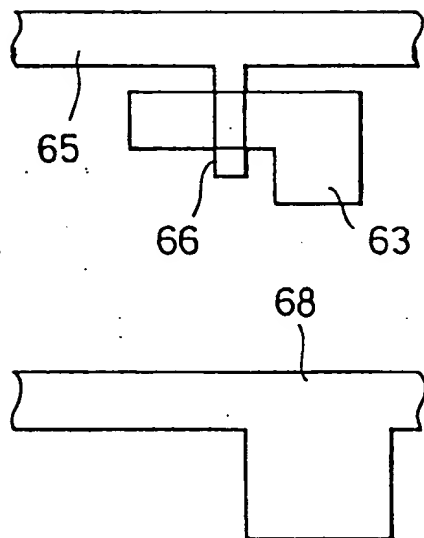


FIG. 8(B)

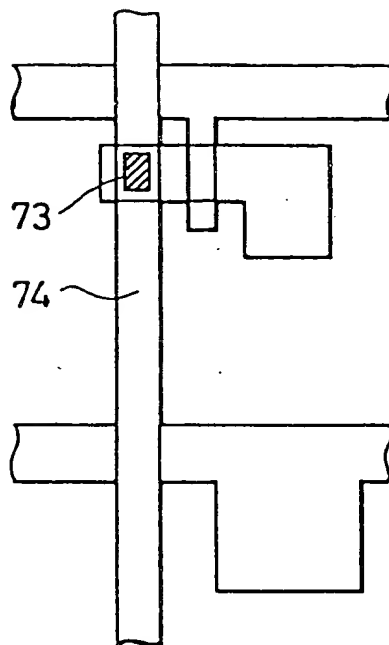


FIG. 8(C)

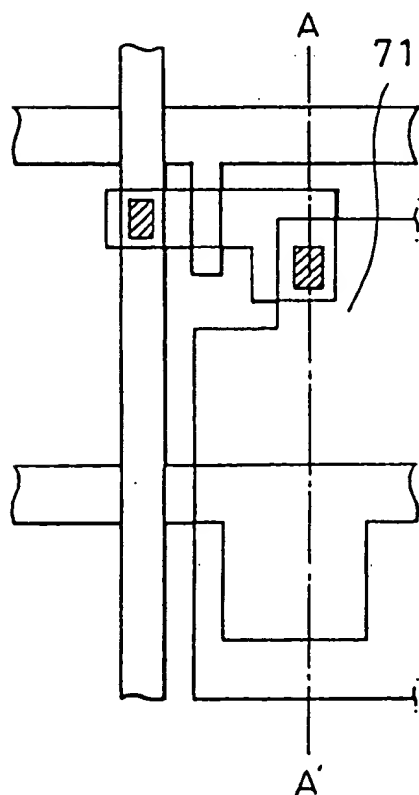


FIG. 8(D)

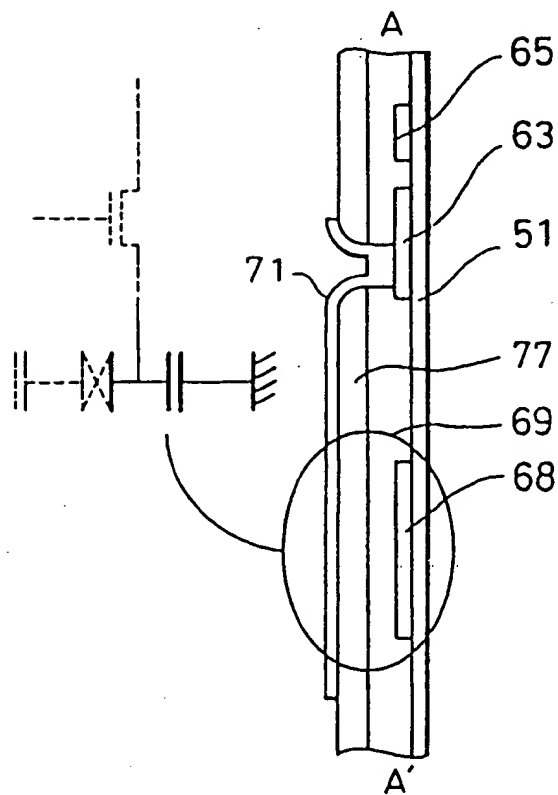




FIG. 10 (A)

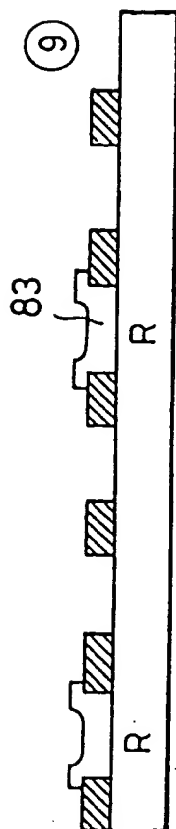


FIG. 10 (B)

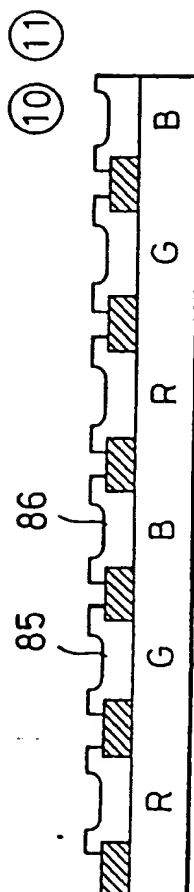


FIG. 10 (C)

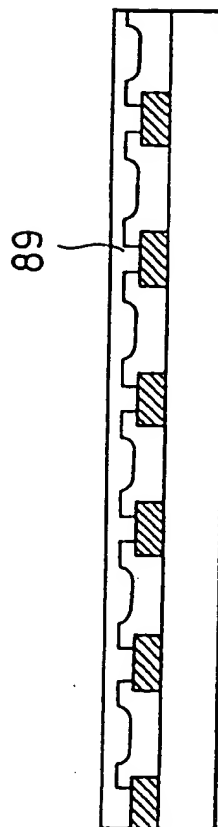


FIG. 10 (D)

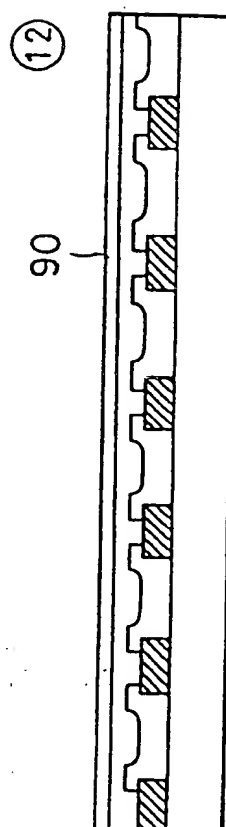


FIG. 10 (E)

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FIG.12(A) FIG.12(B)

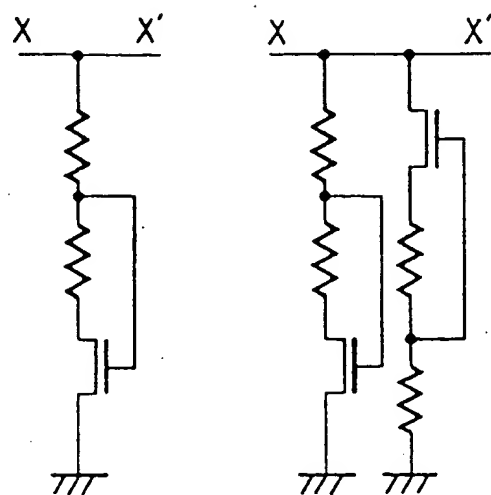


FIG.12(C)

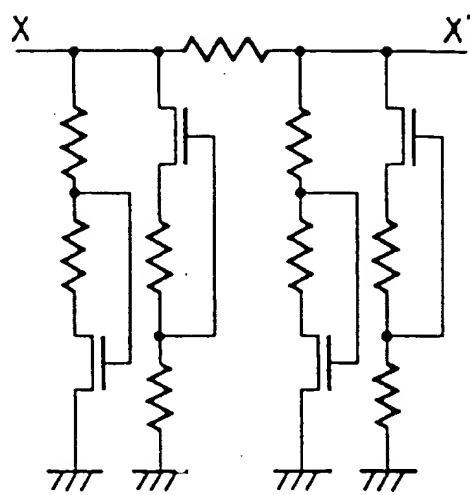


FIG.12(D)

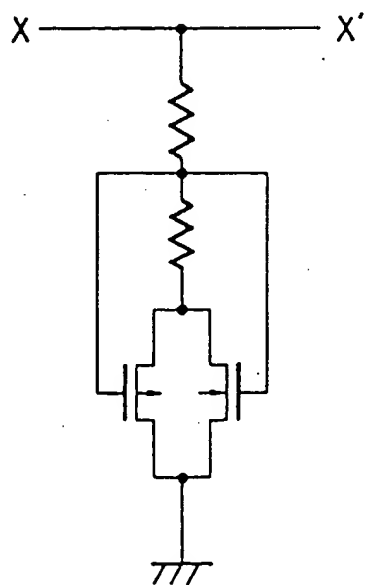
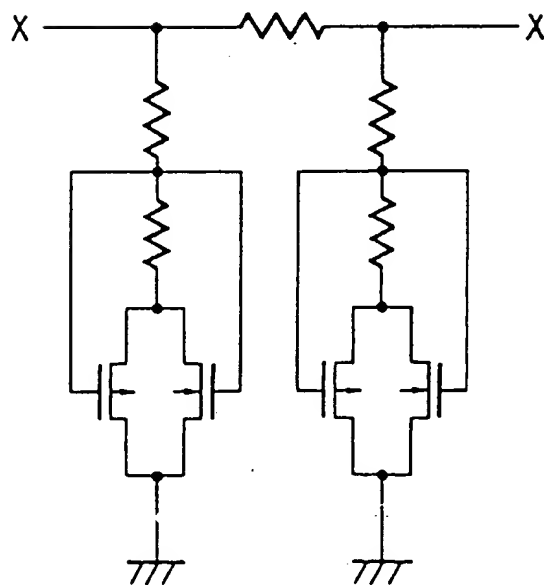


FIG.12(E)



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FIG.13(A)

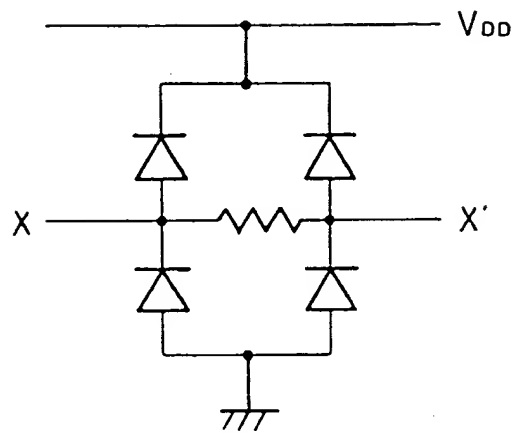


FIG.13(B)

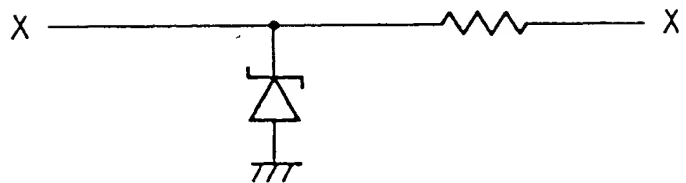
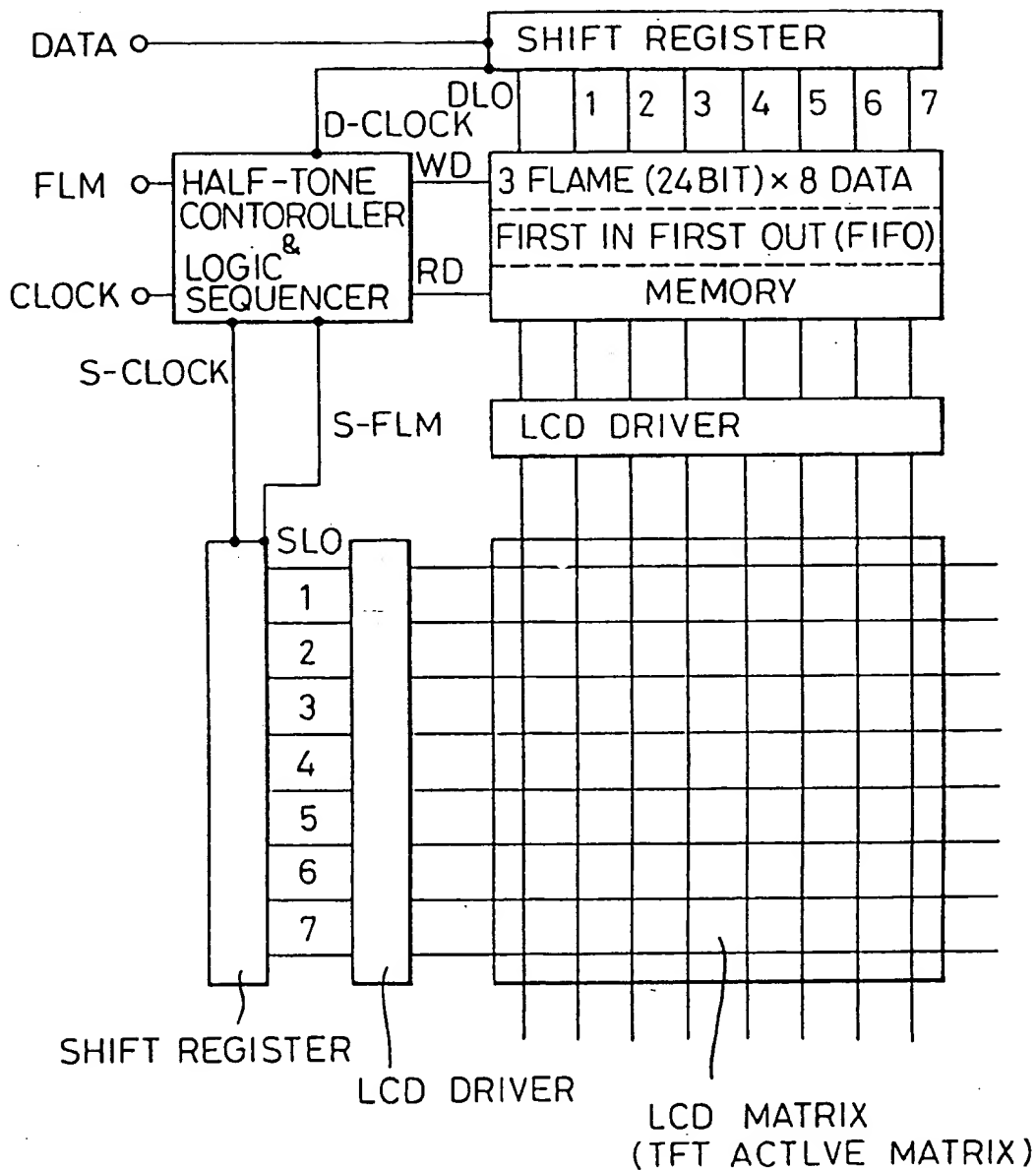


FIG.14



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FIG. 15

DATA DISPLAYED ON SCREEN
 (ANALOG IMAGE SIGNAL)
 100 → WHITE
 0 → BLACK

0	10	20	30	40	50	60	70
80	90	100	0	10	20	30	40
00	100	0	0	100	100	0	0
100	100	0	0	100	100	0	0
0	0	100	100	0	0	100	100
0	0	100	100	0	0	100	100
0	10	20	30	40	50	60	70
80	90	100	0	10	20	30	40

A/D CONVERSION

LSB #0 BIT →

0	1	1	1	0	0	1	1
---	---	---	---	---	---	---	---

#1 BIT →

0	0	1	0	1	0	0	1
---	---	---	---	---	---	---	---

#2 BIT →

0	0	0	1	1	0	0	0
---	---	---	---	---	---	---	---

#3 BIT →

0	1	0	1	0	0	1	0
---	---	---	---	---	---	---	---

#4 BIT →

0	1	1	0	0	0	1	1
---	---	---	---	---	---	---	---

#5 BIT →

0	0	1	0	1	0	0	1
---	---	---	---	---	---	---	---

#6 BIT →

0	0	0	1	1	0	0	0
---	---	---	---	---	---	---	---

#7 BIT →

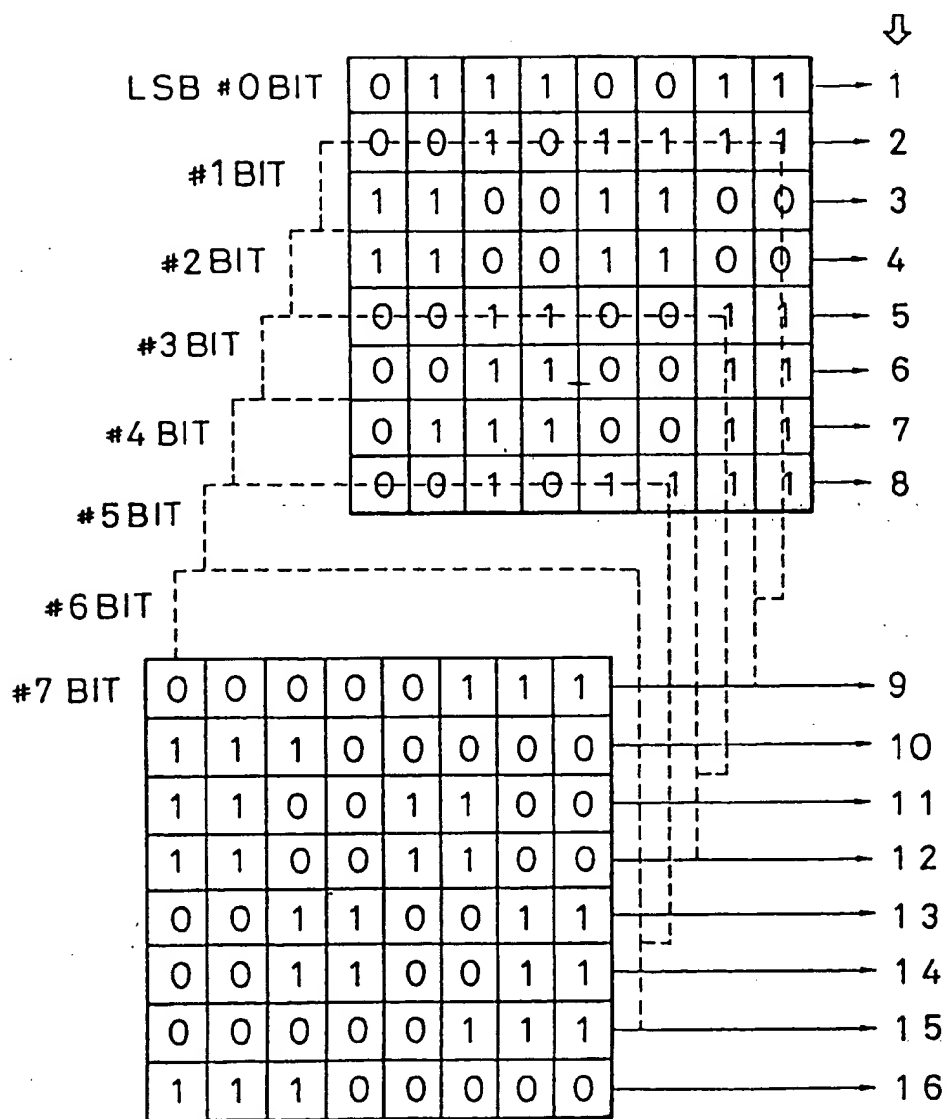
0	0	0	0	0	1	1	1
1	1	1	0	0	0	0	0
1	1	0	0	1	1	0	0
1	1	0	0	1	1	0	0
0	0	1	1	0	0	1	1
0	0	1	1	0	0	1	1
0	0	0	0	0	1	1	1
1	1	1	0	0	0	0	0

MEMORY OF DIGITAL DATA
FOR GRADATION DISPLAY

(8 DOT x 8 DOT
x 256 GRADATIONS
(8 BITS) FOR
ONE SCREEN)

FIG. 16

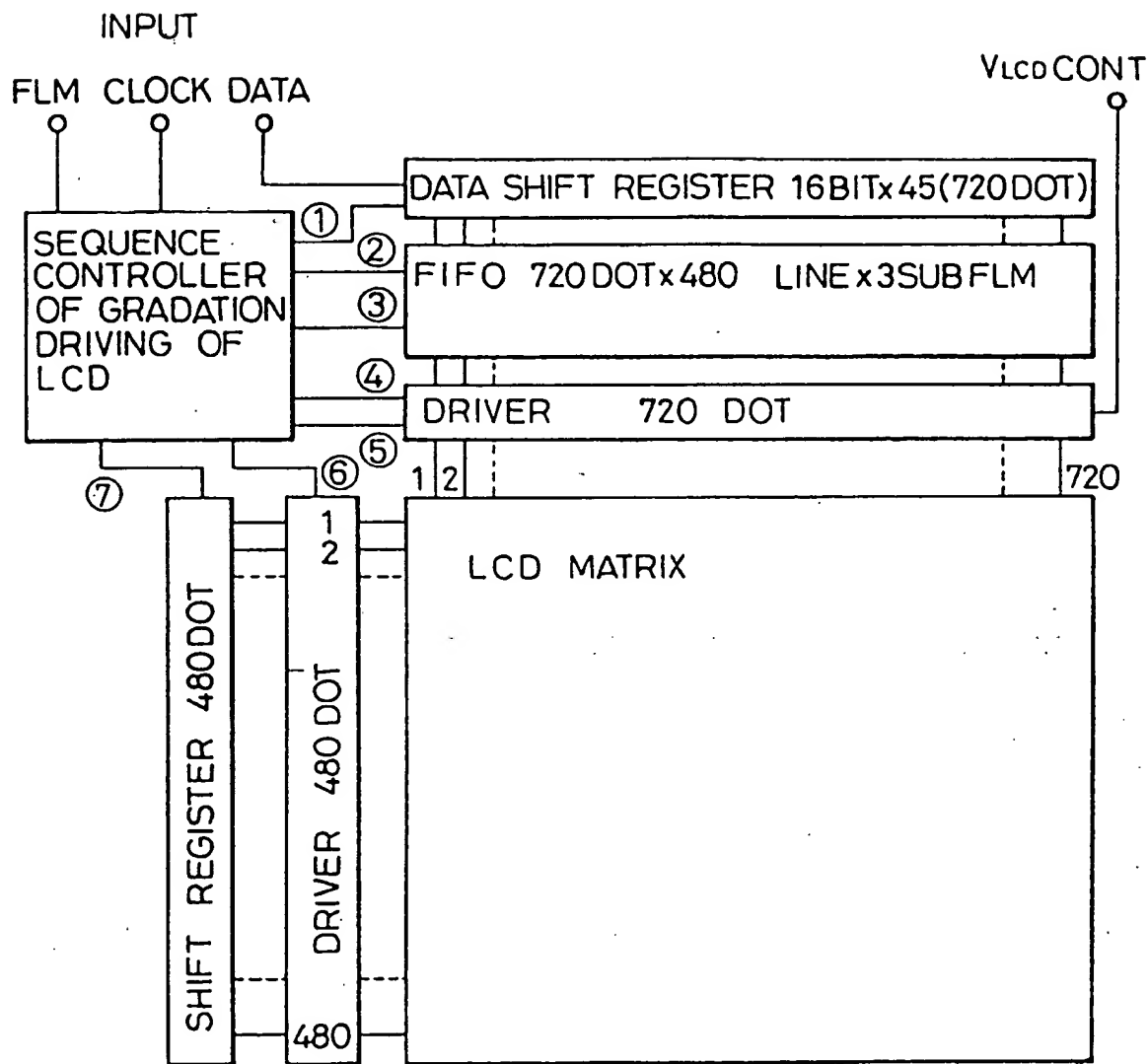
ORDER OF
TRANSFER OF
DATA IN MEMORY



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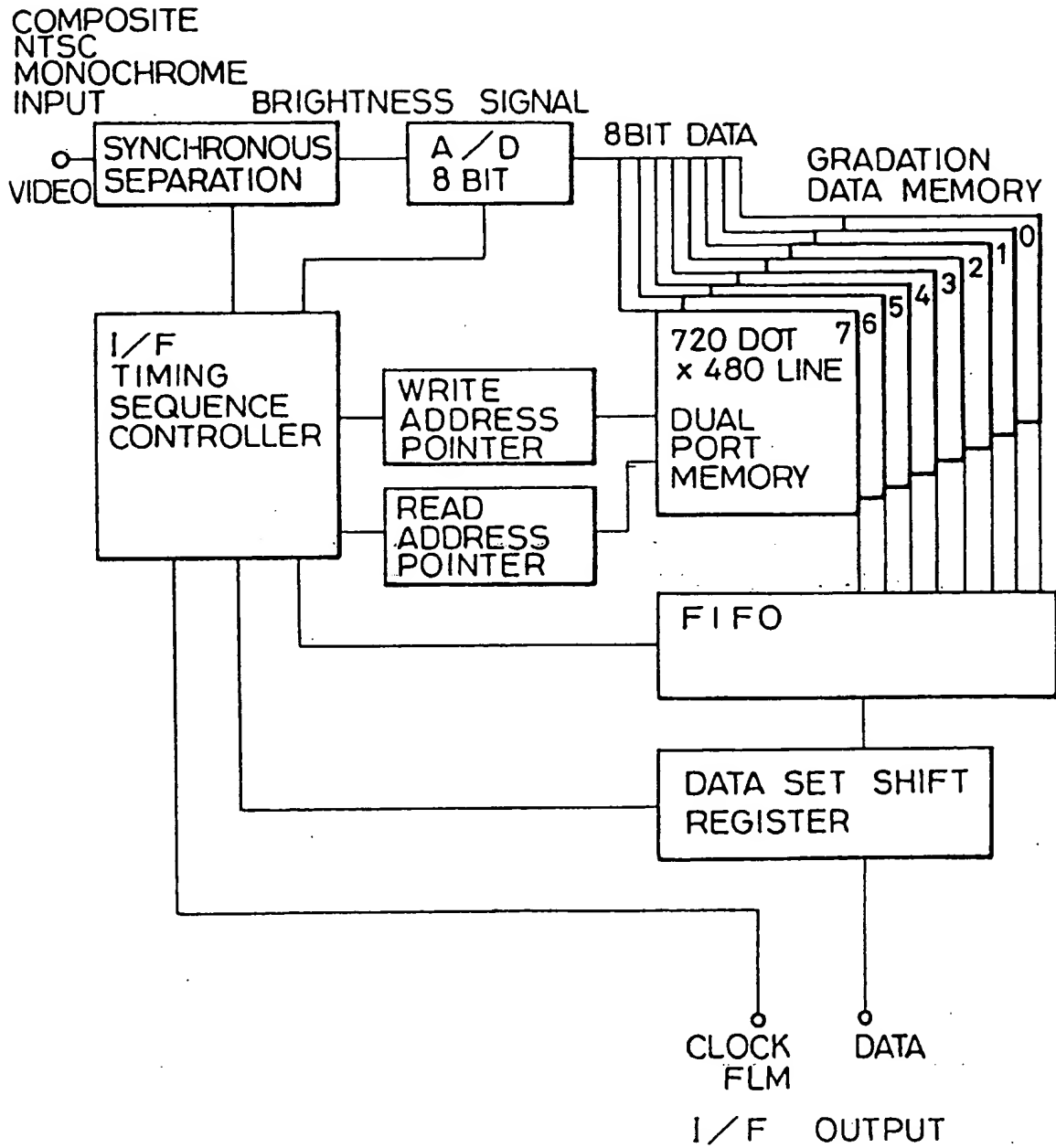
[illegible]

FIG. 20



- | | |
|---------------|---------------|
| ① DATA CLOCK | ⑤ AC CLOCK |
| ② IN CLOCK | ⑥ SET CLOCK |
| ③ OUT CLOCK | ⑦ SHIFT CLOCK |
| ④ DRIVE CLOCK | |

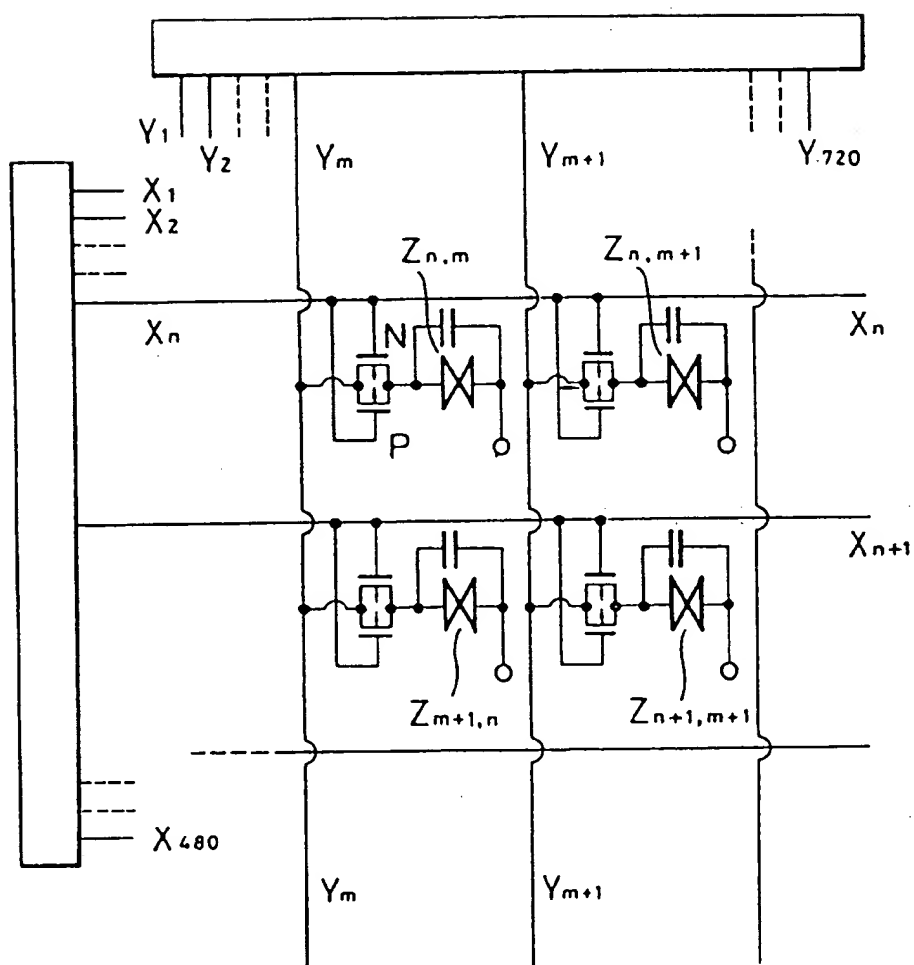
FIG. 21



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FIG. 23



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FIG. 24

